

REMARKS

The claims are claims 1 to 11.

The application has been further amended at several locations to correct minor errors and to present uniform language throughout.

Claims 5 and 6 are amended into independent form by incorporation of all limitations of their prior base claim 1.

Claims 1 to 4 were rejected under 35 U.S.C. 103(a) as made obvious by the combination of Wood et al U.S. Reissue Patent No. RE38,732 Boliek et al U.S. Patent No. 6,510,246.

Claim 1 recites subject matter not made obvious by the combination of Wood et al and Boliek et al. Claim 1 recites "each band of the plurality of bands a set of templates is stored in the banded display list in which each template points to a DLE in the display list buffer for each corresponding graphic item that is spawned within the band." The OFFICE ACTION states that Wood et al fails to disclose this limitation. The Applicants respectfully submit that the templates disclosed in Boliek et al differ from those recited in claim 1. Boliek et al states at column 7, lines 16 to 23 (within the portion cited in the OFFICE ACTION):

"In the present invention, template upsampling using down pixels only provides for upsampling each of the downsample input values to construct upsample data values of a block of pixels using statistics based on template pattern values of a predetermined number of downsample pixel values. That is, in the present invention, a table is created from a template from the original image and the downsampled image."

This clearly states that Boliek et al discloses "template pattern valued of a predetermined number of downsampled pixels." The portion of Boliek et al never mentions template in the context of display list. Thus Boliek et al teaches a different use of a template than that recited in claim 1. Accordingly, the template of Boliek et al fails to make obvious claim 1. Claim 1 recites a

data organization not made obvious by the combination of Wood et al and Boliek et al. Thus claim 1 is allowable over the combination of Wood et al and Boliek et al.

The OFFICE ACTION in rejections of claims 2, 3 and 4 cites a portion of Boliek et al with only line numbers and not the column number. The OFFICE ACTION recites "(col, lines 11-20)" at page 3, line 19 in rejection of claim 2, at page 4, lines 11 and 12 in rejection of claim 2 and at page 5, line 6 in rejection of claim 4. The Applicants believe from the context of the OFFICE ACTION this reference should be to column 9. The Examiner should correct this assumption if it is incorrect.

The OFFICE ACTION states at page 3, line 3 and line 20; page 4, line 13; and page 5, line 13 "Wood & Boliek are combinable because they both compress image data." The relevance of this statement is not understood. This application and particularly claims 1 to 4 do not recite image compression. In fact paragraphs 21, 40 and 41 of this application teaches this invention as an alternative to the image compression in printing. Accordingly, the teachings of Wood et al and Boliek et al are not combinable for this reason.

Claim 2 recites subject matter not made obvious by the combination of Wood et al and Boliek et al. Claim 2 recites "using the set of templates stored for that band to access a corresponding set of DLEs from the display list buffer." Boliek et al discloses rendering a display list into bands at column 9, lines 11 to 20. However, this portion of Boliek et al does not teach the data organization where templates stored for each band access display list elements in a display list buffer. Instead, Boliek et al teaches "The image is rendered on a band basis from the display list to a band buffer 902A." This teaching of Boliek et al corresponds to the prior art noted in this application at paragraphs [18] and [19]. This technique of Boliek et al fails to

teach the banded display list of base claim 1. Accordingly, claim 2 is allowable over the combination of Wood et al and Boliek et al.

Claim 3 recites subject matter not made obvious by the combination of Wood et al and Boliek et al. Claim 3 recites "an opcode field that describes the DLE being pointed to." The OFFICE ACTION states that Boliek et al teaches this limitation at "col, lines 11-20." The Applicants are unable to identify this portion of Boliek et al. In any event, Boliek et al includes no disclosure of an opcode at all. Accordingly, Boliek et al cannot make obvious the opcode field recited in claim 3. Accordingly, claim 3 is allowable over the combination of Wood et al and Boliek et al.

Claim 4 recites subject matter not made obvious by the combination of Wood et al and Boliek et al. Claim 4 recites "a number of elements field that specifies a number of elements of a vector DLE being pointed to that falls within the band." The OFFICE ACTION states that Boliek et al teaches this limitation at "col, lines 11-20." The Applicants are unable to identify this portion of Boliek et al. In any event, Boliek et al includes no disclosure of number field at all. Accordingly, Boliek et al cannot make obvious the number field recited in claim 4. Accordingly, claim 4 is allowable over the combination of Wood et al and Boliek et al.

Paragraph 3 on page 5 of the OFFICE ACTION states that claims 5 and 6 would be allowable if rewritten in independent form. Claims 5 and 6 have been so amended and are therefore allowable

Claims 7 to 11 are allowed.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

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Respectfully submitted,

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